



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Fischer et al.

GROUP: 2874

SERIAL NO: 10/643,414

EXAMINER: Unknown

FILED: 8/19/03

FOR: METHOD FOR EFFICIENT CARRIER GENERATION IN SILICON  
WAVEGUIDE SYSTEMS FOR SWITCHING/MODULATING PURPOSES  
USING PARALLEL PUMP AND SIGNAL WAVEGUIDES

Assistant Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The listed documents were recently cited in a corresponding PCT application, and a copy of the International Search Report is being submitted herewith for purposes of convenience.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

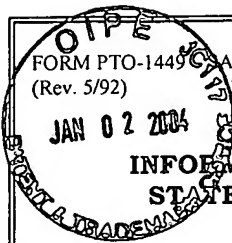
Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Deborah M. Costello

12/31/03  
Date

 <p>FORM PTO-1449 SAMUELS, GAUTHIER &amp; STEVENS LLP (Rev. 5/92) 225 Franklin Street, Boston, MA 02110 Telephone: (617) 426-9180</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p>	<p>MIT.9941 ATTORNEY DOCKET NO.</p> <p>APPLICANT: Fischer et al.</p> <p>FILING DATE: 8/19/03</p>	<p>10/643,414 SERIAL NO.</p> <p>GROUP: 2874</p> <p>EXAMINER: Unknown</p>
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AE						
	AF						
	AG						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AH	"Single-Mode Silicon Optical Switch with T-Shape SiO <sub>2</sub> Waveguide as a Control Gate," Kobayashi et al. Japanese Journal of Applied Physics, Vol. 41, pgs.: 2563-2565, Part 1, No. 4B, April 2002
	AI	"Photoconductivity effects in polycrystalline silicon and optically controlled coplanar waveguide switch", Twarowski et al., Ann. Telecommunications, 56 n° 3-4, 2001, pgs.: 208-214
	AJ	
	AK	
	AL	
	AM	

EXAMINER

DATE CONSIDERED

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.